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wherein a clearance is formed between the heater and the internal electrode,
the clearance being 0.1 mm or more.

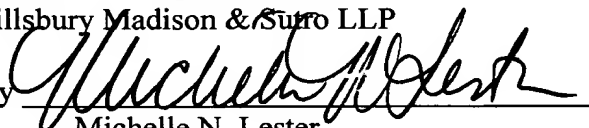
16. (Amended) An oxygen concentration detector comprising:
a sensor element including a solid electrolyte and external and internal
electrodes provided on external and internal surfaces thereof, respectively;
a heater provided adjacent to said internal surface of said sensor element;
wherein at least ^a said surface of said internal electrode consists of a material
having a [high emissivity] porosity being equal to or more than 0.5, and a layer consisting of
a material having an emissivity lower than the emissivity of said internal electrode is
provided as an outermost layer of said sensor element; and
wherein a clearance is formed between the heater and the internal electrode,
the clearance being 0.1 mm or more.

REMARKS

Early and favorable action are respectfully requested.

Respectfully submitted,

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